

# MotionProtect Fibra

## Wired indoor motion detector

<b>Communication</b>	<p><b>Fibra communication technology</b> Proprietary wired communication technology. Fibra combines the reliability of wires with the freedom of radio connection. It features:</p> <ul style="list-style-type: none"><li>◇ Two-way communication.</li><li>◇ Advanced anti-sabotage.</li><li>◇ Instant notifications.</li><li>◇ Remote configuration through an app.</li></ul> <p><b>Line connection</b> 4-core cable</p> <p><b>Fibra line length</b> up to 2,000 meters up to 6,500 ft When using twisted pair U/UTP cat.5.</p> <p><b>Encrypted communication</b></p>
<b>Detection</b>	<p><b>Sensing element</b> 1 × PIR sensor</p> <p><b>Motion detection distance</b> up to 12 meters* When installed at 2.4 meters height. up to 39 ft When installed at 7.9 ft height. * – 10 m according to INCERT (with high sensitivity level)</p> <p><b>Motion detection angles</b> horizontal – 88.5°</p> <p><b>Motion detection speed</b> from 0.3 to 2.0 m/s from 1 to 6.6 ft/s The direction of the detector lens should be perpendicular to the intended path of entry into the room.</p> <p><b>Sensitivity</b> 3 levels Sensitivity can be adjusted by PRO or user with admin rights in an Ajax app.</p> <p><b>Pet immunity</b> up to 20 kg up to 50 cm height up to 44 lb up to 1.6 ft height</p> <p><b>False alarm prevention</b> SmartDetect Software algorithm.</p> <p><b>Temperature compensation</b> Effective motion detection within –10°C to +40°C</p>

	<p>range. Effective motion detection within 14°F to 104°F range.</p>
	<p>It is recommended to install the detector on 2.4 meter/7.9 ft height. Device is designed for indoor use only.</p>
<p><b>Sabotage protection</b></p>	<p><b>Tampering alarm</b> Alerts of attempts to detach the detector from the surface or remove the mounting panel.</p> <p><b>Protection against forgery</b> device authentication</p>
<p><b>Power supply</b></p>	<p><b>Fibra line power supply</b> 5–30 V<sub>DC</sub>, up to 25 mW The detector is powered by the control panel.</p> <p><b>Detector's operating voltage range</b> 5–30 V<sub>DC</sub> The detector is powered by the control panel.</p> <p><b>Detector's nominal operating voltage</b> 24 V<sub>DC</sub></p> <p><b>Quiescent detector's current consumption at nominal voltage</b> 70 µA</p> <p><b>Maximum detector's current consumption at nominal voltage</b> 1.8 mA</p>
<p><b>Enclosure</b></p>	<p><b>Dimensions</b> 110 × 65 × 50 mm 4.33" × 2.56" × 1.97"</p> <p><b>Weight of the black device</b> 75 g 2.65 oz</p> <p><b>Weight of the white device</b> 88 g 3.10 oz</p> <p><b>Operating temperature range</b> from –10° C to +40° C from 14°F to 104°F</p> <p><b>Operating humidity</b> up to 75%</p> <p><b>Protection class</b> IP30, IK04</p>
<p><b>Colors</b></p>	<p>Black White</p>
<p><b>Complete set</b></p>	<p>MotionProtect Fibra SmartBracket mounting panel Installation kit Quick start guide</p>
<p><b>Warranty</b></p>	<p>24 months</p>